

**DANCERT****DANISH TECHNOLOGICAL
INSTITUTE**

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CVR no. DK-29512094

EU-notified body No. 1073

EC Type-examination Certificate

No. DAN-25-MD-0526

In compliance with Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 as amended (the Machinery Directive, MD) this EC Type-examination Certificate applies for

Machine type: ActSafe Ascender TCX
Model: POA-008, POA-009
Designated standard: DS/EN 1808:2015
Manufacturer: Skylotec Nordic AB
Sagbäckvägen 13, 43731, Lindome
Sweden

This EC Type-examination Certificate attests that a representative model of the above-mentioned machinery type has been found to be covered by Annex IV of the Machinery Directive and to satisfy the provisions of the Essential Health and Safety Requirements of the Machinery Directive, Annex I, applicable to the machinery type.

This EC Type-examination Certificate, which has been issued in compliance with the provisions of Annex IX, article 12, 3b and 4a of the Machinery Directive, will remain valid until the date below, provided that neither the machinery type nor the provisions of the Machinery Directive are modified significantly, unless suspended or withdrawn by Dancert.

The Type-examination Certificate is valid from 2025-09-23 through 2030-09-22

The Type-examination Certificate was first issued on 2025-09-23

The validity of the Type-examination Certificate can be verified by contacting Dancert A/S

Dancert, Lars Bennedsen, CEO

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Appendix to EC Type-examination Certificate nr. DAN-25-MD-0526

Essential Health and Safety Requirements

The ActSafe Asenders TCX Rescue and TCX Force have passed the review of documentation in the Technical File, evaluation of the Machinery Directive EHSR and relevant part of EN 1808 along with execution of tests and the result of those.

Used parts of EN 1808:2015: 8.1.4, 8.1.5, 8.1.6, 8.3.2, 8.3.4, 8.5.1, 8.9.1, 9.1.1.1. Static test, dynamic test, and strength test according to DS/EN 1808:2015 Annex B.

Report Number

Assessment report DAN-25-MD-0526

Machinery Directive Annex IV Category

17. Devices for the lifting of persons or of persons and goods involving a hazard of falling from a vertical height of more than three meters.

Machinery - Technical specifications:						
Model (s)	TCX Rescue POA-008	TCX Force POA-009	TCX Force Z-FMV-POA- 009-EU			
MD Annex IV Category	17					
Machine classification	-					
Required marking and/or specifikation						[unit]
Non-loaded mass	14	14	14			kg
Platform Capacity (SWL/WLL)/Number of persons	250 / 2	250 / 2	250 / 2			kg/person
Maximum allowable wind speed	12	12	12			m/s
Max chassis inclination (forward/back - sideways)	-	-	-			Degrees
Electric system	54	54	54			Volt DC
Temperature range	-10 to +40	-10 to +40	-10 to +40			°C
Ascent speed	0-24	0-24	0-24			m/min
Descent speed	0-25	0-25	0-25			m/min
Emergency descent speed	0-25	0-25	0-25			m/min
IP-rating	IP68	IP67	IP67			
Emergency stop	No	No	Yes			
Deactivation of power indicator	Yes	Yes	No			

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Equipment & accessories	
Remote Control	Range up to 150m - Radio frequency 2.4 GHz
Rope	The ActSafe Ascenders TCX Force and TCX Rescue must only be used with ropes approved according to EN1891A or approved for use with the Ascender by SKYLOTEC. The backup system must fulfill the respective requirements for backup systems.
PPE	The ActSafe Ascenders TCX Force and TCX Rescue, when used to lift people, must be used with personal protective equipment approved for work at height, rope access and/or rope rescue
Limitations in use	
Lightning	Not to be used in weather conditions with risk for lightning
Potentially explosive atmospheres	Not ATEX approved to be used Potentially explosive atmospheres (Ex area)
Under ground	Not to be used in mines or underground quarries
Police and military	The ActSafe Ascenders TCX Force and TCX Rescue are specially developed for use by police and military personnel. According to Article 1(2)(a) of the Machinery Directive 2006/42/EC, "machinery specially designed and constructed for military or police purposes" is excluded from the scope of the directive. Therefore, this EC Type Examination Certificate does not apply to the equipment when used in such police or military operations. However, the equipment is also used in contexts such as training, controlled rescue scenarios, and similar applications that fall within the scope of the Machinery Directive. In these circumstances, it is considered appropriate and relevant to affix the CE marking. The design of the equipment includes deviations from harmonized standards, including the omission of an emergency stop function and the ability to deactivate the power indicator. These features are aligned with operational requirements for specialized field use and are considered in the scope of this certification solely in the context of training and rescue operations under the Machinery Directive. This deviation does not apply to the TCX Force Z-FMV-POA-009-EU that is equipped with an emergency stop and the power indicator cannot be deactivated.

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Revisions EC Type-examination Certificate

Project No.	Description	Revision No.	INT.	Date
-	DAN-25-MD-0526 is a prolongation of the DTI Type-examination certificate TI-16-MD-0450 rev 03	00	FFY	010925